

DATA FIELD DESCRIPTION -- PREMIUM ECONOMY VS ECONOMY

VARIABLE	UNITS	MEANING
AIRLINE	Number	A Dummy Variable to indicate the Airline e.g. '0' British Airways; '1' Emirates; '2' Delta; '3' Air France; '4' Singapore Airlines; '5' Virgin Airlines; '6' Jet airways; '7' Etihad.
AIRCRAFT	Number	Dummy Variable for the Manufacturer of the Airplane / Aircraft e.g. '0' Boeing; '1' Airbus; '2' others
MONTH	Number	Dummy variable indicating the month of the travel date e.g. '0' July; '1' August; '2' September; '3' October
FLIGHT_DURATION	Hours	Flight Duration
INTERNATIONAL	Boolean	'1' International Flight; '0' Domestic Flight w.r.t. Airlines' Home Country
SEATS_ECONOMY	Number	Number of Economy Seats in the Aircraft
SEATS_PREMIUM	Number	Number of Premium Economy Seats in the Aircraft
SEATS_BUSINESS	Number	Number of Business Class Seats in the Aircraft
PITCH_ECONOMY	Inches	Distance between two consecutive Economy Seats

PITCH_PREMIUM	Inches	Distance between two consecutive Premium Economy Seats
WIDTH_ECONOMY	Inches	Width between armrests of an Economy Seat
WIDTH_PREMIUM	Inches	Width between armrests of a Premium Economy Seat
PRICE_ECONOMY	USD	Price of Economy Seat
PRICE_PREMIUM	USD	Price of Premium Economy Seat
PRICE_BUSINESS	USD	Price of Business Class Seat
PRICE_RELATIVE	$(PRICE_PREMIUM - PRICE_ECONOMY) / PRICE_ECONOMY$	
WIDTH_RELATIVE	$(WIDTH_PREMIUM - WIDTH_ECONOMY) / WIDTH_ECONOMY$	
PITCH_RELATIVE	$(PITCH_PREMIUM - PITCH_ECONOMY) / PITCH_ECONOMY$	
N	Total Seats (SEATS_ECONOMY + SEATS_PREMIUM)	
LAMBDA	$SEATS_PREMIUM / N$	